

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: April 11, 2005
For Week Ending: April 10, 2005
ND-CW1505

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

General: Planting of small grains, dry peas and canola began in most districts this week aided by warm, dry weather conditions, according to the North Dakota Agricultural Statistics Service. Producers in the north central and northeast districts continued to wait for soils to warm up and dry out before planting begins. Topsoil moisture supplies were rated 8 percent very short, 22 short, 66 adequate and 4 surplus. This compared with the five-year (2000-2004) average of 6 percent very short, 19 short, 62 adequate and 13 surplus. Subsoil moisture supplies were rated 12 percent very short, 22 short, 62 adequate and 4 surplus.

The statewide average starting date for fieldwork is expected to be April 13, a day earlier than last year. The record earliest starting date for fieldwork was April 6, 1981. The expected starting dates ranged from April 6 in the southwest district to April 22 in the north central district.

Crops: Warm, dry conditions during the week allowed producers to apply fertilizer and begin seeding. Statewide, 4 percent of the oats, 3 percent of the hard red spring wheat and 1 percent of the barley and durum were planted. The five-year averages were 2 percent for oats, 6 percent for hard red spring wheat, 2 percent for barley and 1 percent for durum. There was no significant planting progress for sugarbeets compared with the five-year average of 1 percent.

Livestock: Calving and lambing continued to proceed with little difficulty due to mild conditions. Calving was 66 percent complete and lambing was 79 percent complete compared with 68 and 79 percent last year, respectively. Shearing was 87 percent complete. Cattle, calves, sheep and lamb conditions were rated mostly good to excellent.

Hay and forage supplies were rated 2 percent very short, 17 short, 74 adequate and 7 surplus. This compared with last year's rating of 2 percent very short, 15 short, 76 adequate and 7 surplus. Grain and concentrate supplies were 4 percent short, 85 adequate and 11 surplus. Pasture conditions improved from last week and were 26 percent growing compared with 21 percent a year ago.

Planting: Percent Completed				
Crop	Week Ending			2000-2004 Avg.
	April 10, 2005	April 3, 2005	April 10, 2004	
(Percent)				
SMALL GRAINS				
Barley	1	NA	2	1
Durum Wheat	1	NA	1	0
HRS Wheat	3	NA	5	3
Oats	4	NA	2	1
LATE SEASON CROPS				
Canola	1	NA	1	0
Sugarbeets	0	NA	1	1

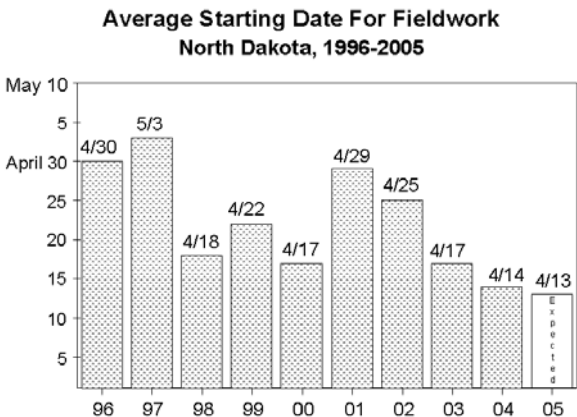
NA = Not Available

Livestock Condition Week Ending April 10, 2005					
Livestock	Very Poor	Poor	Fair	Good	Excellent
(Percent)					
Cows	0	1	12	70	17
Calves	0	1	10	70	19
Sheep	0	1	16	68	15
Lambs	0	0	15	72	13

Soil Temperatures: Average soil temperatures on April 10 ranged from a low of 42 degrees F in Bowbells to a high of 53 in Baker and Carrington. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

Average Soil Temperatures*, April 10, 2005			
Station	Temperature	Station	Temperature
Degrees F		Degrees F	
NORTHWEST		CENTRAL	
Bowbells	42	Carrington	53
Minot	48	Robinson	44
Williston	50	Streeter	45
NORTH CENTRAL		EAST CENTRAL	
Baker	53	Dazey	50
Bottineau	45	Fargo	48
Rolla	45	SOUTHWEST	
NORTHEAST		Bowman	43
Cavalier	52	Dickinson	45
Grand Forks	48	SOUTH CENTRAL	
Langdon	43	Linton	49
WEST CENTRAL		SOUTHEAST	
Turtle Lake	49	Oakes	49
Watford City	47	Wyndmere	47

* Thermometers located 4 inches under bare soil.
Source: NDAWN, Department of Soil Science, NDSU.



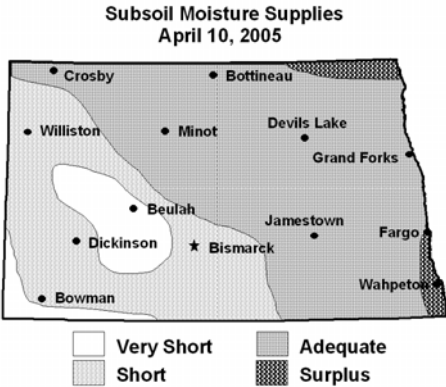
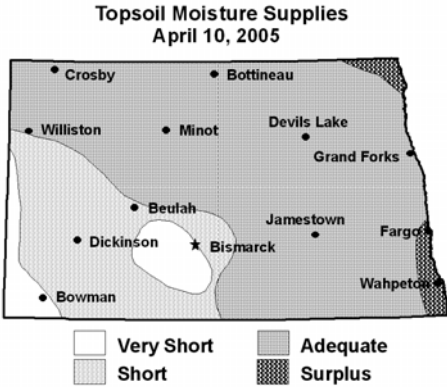
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Soil Moisture:

North Dakota, April 10, 2005

Date	V. Short	Short	Adq.	Surplus
(Percent)				
TOPSOIL				
This Week	8	22	66	4
Last Week	6	22	65	7
Last Year	7	20	64	9
2000-04 Avg	6	19	62	13
SUBSOIL				
This Week	12	22	62	4
Last Week	12	21	61	6
Last Year	10	28	59	3
2000-04 Avg	7	22	63	8



Weather: Mild and fairly dry conditions were the rule for the first full week of April. There was hardly any precipitation and temperatures were above average for the week across the state. Highs generally ranged from the low 60s to low 70s for the majority of the week under mostly sunny skies. Strong southerly winds brought very warm conditions to the state for the end of the week and into the weekend. Many areas in the state saw their warmest temperatures of the year. Winds gusted to near 50 mph and highs reached into the low 70s east to the mid-80s out west. Low temperatures were in the low to mid-30s for the first half of the week. Overnight low's warmed into the mid-30s to mid- 40s to end the week.

Outlook, April 11-17: The second week of April will start out on a wet note. A strong low pressure system in the central Rockies will move eastward into the central plains. This system will bring showers and thunderstorms across the eastern half of the state on Monday. A trough of low pressure will move across the Red River Valley area on Tuesday, bringing scattered showers to that area. Fair weather will move in behind the system on Wednesday and Thursday. Another system moving in from the west will bring a chance for showers and possibly a thunderstorm to the western and central areas on Friday. There will be a chance of rain in the eastern areas for the weekend as the system moves east. Temperatures will run about average for the week. No big warm up or cool down is in sight for the next 7 days. Temperatures will be cool for the eastern areas on Monday because of clouds and rain. Look for highs in the upper 40s in the northeast to the upper 50s across the south and west. Temperatures will warm into the 50s and 60s across the state for Wednesday and Thursday. Look for high temperatures mostly in the 50s for the end of the week and into the weekend. Low temperatures will generally be in the 30s.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending April 10, 2005

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1		
	Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
(Degrees F) (Inches)					
Northwest (1)	55	3	0.00	0.00	-0.41
N. Central (2)	53	2	0.00	0.00	-0.43
Northeast (3)	52	1	0.00	0.00	-0.38
W. Central (4)	55	3	0.00	0.00	-0.42
Central (5)	53	1	0.00	0.00	-0.46
E. Central (6)	54	0	0.00	0.00	-0.59
Southwest (7)	55	4	0.04	0.07	-0.36
S. Central (8)	55	2	0.00	0.00	-0.46
Southeast (9)	54	0	0.01	0.01	-0.51

^{1/} Normal is the 1961-90 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending April 10, 2005

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1		
	High	Low	Past Week	Total	Depart Normal ^{1/}
(Degrees F) (Inches)					
(1) Bowbells	76	29	0.00	0.00	-0.38
Williston	87	32	0.00	0.00	-0.37
Mohall	75	32	0.00	0.00	-0.47
Minot	78	33	0.00	0.00	-0.42
(2) Baker	74	32	0.00	0.00	-0.50
Bottineau	78	28	0.00	0.00	-0.37
Rugby	77	28	0.00	0.00	-0.42
(3) Cando	72	31	0.02	0.02	-0.32
Cavalier	73	33	0.00	0.00	-0.38
Forest River	73	34	0.00	0.00	-0.44
Grand Forks	71	33	0.00	0.00	-0.42
Langdon	68	33	0.00	0.00	-0.28
St. Thomas	70	34	0.00	0.00	-0.44
(4) Hazen	79	26	0.00	0.00	-0.44
Turtle Lake	76	29	0.00	0.00	-0.47
Watford City	85	32	0.00	0.00	-0.36
(5) Carrington	74	29	0.00	0.00	-0.51
Harvey	76	30	0.00	0.00	-0.40
Jamestown	79	33	0.00	0.00	-0.43
Robinson	74	32	0.00	0.00	-0.40
Streeter	74	31	0.00	0.00	-0.56
(6) Dazey	75	29	0.00	0.00	-0.53
Fargo	76	33	0.00	0.00	-0.71
Hillsboro	79	31	0.00	0.00	-0.52
(7) Beach	83	33	0.11	0.11	-0.30
Bowman	81	30	0.00	0.00	-0.38
Dickinson	80	29	0.00	0.00	-0.48
Hettinger	78	28	0.05	0.05	-0.38
(8) Mandan	77	34	0.00	0.00	-0.44
Linton	76	34	0.00	0.00	-0.49
(9) Edgeley	80	31	0.03	0.03	-0.53
Oakes	80	29	0.00	0.00	-0.58
Wyndmere	75	29	0.01	0.01	-0.43

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